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PTO/\$B/21 (04-04) Approved for use through 07/31/2008, OMB 0651-0031 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number. Application Number 10/625,386 TRANSMITTAL Filing Date July 23, 2003 FORM First Named Inventor Sundeep Chauhan Art Unit 2816 (to be used for all correspondence after initial filing) Examiner Name Hai Ngyuen Attorney Docket Number STL10986 9 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to Technology Center (TC) Drawing(s) Fee Transmittel Form Appeal Communication to Board Licensing-related Papers of Appeals and Interferences Fee Attached Appeal Communication to TC  $|\mathbf{x}|$ (Appeal Notice, Brief, Reply Brief) Petition Amendment/Reply Petition to Convert to a Proprietary Information Provisional Application After Final Power of Attorney, Revocation Status Letter Change of Correspondence Address Affidavits/declaration(s) Other Enclosure(s) (please Terminal Disclaimer Identify below): **Extension of Time Request** Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(\$) RECEIVED CENTRAL FAX CENTER Response to Missing Parts/ Incomplete Application SEP 2 9 2004 Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm David K. Lucente, Reg. No. 36,202 Seagate Technology LLC Individual name Signature Date 9/29/04 CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	David K. Lucente		
Signature	District	Date	09/29/2004

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Sundeep Chauhan

Examiner:

Hai Ngyuen

Serial No.:

10/625,386

Group Art Unit:

2816

Filed:

July 23, 2003

Docket No.:

STL10986

Title:

HIGH SPEED DIGITAL PHASE/FREQUENCEY COMPARATOR FOR

PHASE LOCKED LOOPS

Reply to Office Action

RECEIVED
CENTRAL FAX CENTER

Mail Stop Non-Fee Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

SEP 2 9 2004

Dear Sir:

This Reply is responsive to the Office Action mailed June 29, 2004. Please amend the application as follows and consider the ensuing remarks.